ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE REGULATORY CONTACT RECORD

Date/Time:

March 18, 2002 / 1:45 p.m.

Site Contact(s):

Tracey Spence

Phone:

303-966-4322

Regulatory Contact: Elizabeth Pottorff

Phone:

303-692-3429

Agency:

CDPHE

Purpose of Contact: Notification of intent to backfill the P-2 process waste line trench located beneath north wing of B123

Discussion

All B123 process waste line remediation soil samples are analyzed for radionuclides by alpha-spectroscopy with a standard turnaround time of 28 days. In order to make timely decisions for backfilling the B123 process waste line trenches, the associated trench confirmation soil samples and soil stockpile samples are also analyzed by gammaspectroscopy analysis for a 24- to 48-hour turnaround time. The alpha-spectroscopy results are then used to substantiate the gamma-spectroscopy data. The B123 radionuclides of interest are U-233/234, U-235, U-238, Am-241, and Pu-239/240. Note: If present, Pu-239/240 concentrations are inferred from the reported Am-241 concentrations.

In a phone conversation with Tracey Spence, Elizabeth Pottorff was informed of the intent to return stockpiled soils to the northern-most sections of the B123 P-2 process waste line excavations based on results of gamma-spectroscopy analysis on confirmation and stockpile soil samples. The analytical results were discussed and it was pointed out that the data are well below the RFCA Action Levels for the isotopes of interest listed above. I also informed Ms. Pottorff that these data are available for review. Ms. Pottorff indicated that it is acceptable to backfill the P-2 trenches based on the gammaspectroscopy data and agreed to review the data at the time of her next site visit on March 21.

Contact Record Prepared By: Tracey Spence

Contact Record 4/10/00 Rev. 7/13/00

Required Distribution:

- D. Kruchek, CDPHE
- E. Pottorff, CDPHE
- C. Spreng, CDPHE
- N. Castaneda, RFFO
- L. Butler, K-H
- A. Primrose, K-H
- S. Nesta, K-H
- L. Norland, K-H
- T. Spence, SSOC
- ER Contact Record Book

Administrative Record

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